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PTC/SB/08A (08-00)
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Substitute fo	or form 1449A/PTC	)			)	
				Application Number	USNI of PCT/EP2008/043626	10/535104
INFOF	RMATION	DISCL	OSURE	Filing Date	12 November 2003 (12.11.2003)	
STAT	EMENT B	Y APPI	LICANT	First Named Inventor	Michael HECKMEIER, et al.	
				Group Art Unit	unknown >873	]
((	use as many she	ets as nece	essary)	Examiner Name	-unknown TERRY FANG	il .
Sheet	1	of	2	Attorney Docket Number	MERCK-3016	7

U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.1		nd Code <sup>2</sup> (known)	Name of Patentie or Applicant of Cited Document	Date of Publication of Cited Document  MM-DD-YYYY			
J.7.	001	5,786,876		OTA, et al.	07-28-1998			
5.7.	002	4,818,076		HEPPKE, et al.	04-04-1989			
J. F.	003	3,795,436		BOLLER, et al.	03-05-1974			
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		Foreign Patent Document				Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number*	Kind Code <sup>s</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sup>e</sup>
J. 1.	004	EP	1 122 587		HITACHI LTD	08-08-2001		
17	005	DE	32 44 885		MERCK PATENT GMBH	06-07-1984		
J.E	006	wo	02 093244		HECKMEIER, ET AL.	11-21-2002		
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			. 01001	OCUDE	Application Number	USNP of PCT/PP2003/012626	1535104
		RMATION			Filing Date	12 November 2003 (12.11.2003)	
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		_			Group Art Unit	<del>unknown</del> > 873	
	(4	ise as many si	heets as ned	æssary)	Examiner Name	SURPLY TORRY FIXIG	]
て	Sheet	2	of	2	Attorney Docket Number	MERCK-3016	7

Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazina, journal, serial, symposhum, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ,
	007	H. KIKUCHI ET AL.: "POLYMER-STABILIZED LIQUID CRYSTAL BLUE PHASES" NATURE MATERIALS, Bd. 1, 2 September 2002, pages 64-68	
	008	KITZEROW H-S: "THE EFFECT OF ELECTRIC FIELDS ON BLUE PHASES" MOLECULAR CRYSTALS AND LIQUID CRYSTALS, GORDON AND BREACH, LONDON, GB, BD. 202, 22 JULY 1990, PAGES 51-83	
	009	K. TARUMI, et al.: "ADVANCED LIQUID-CRYSTAL MATERIALS FOR TFT MONITOR AND TV APPLICATIONS" JOURNAL OF THE SOCIETY FOR INFORMATION DISPLAY, Bd. 10, Nr. 2, 5-7 June 2001	
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